

How Prosoft NetWare for Mac OS X Client - IP Edition
Compares to Novell® Native File Access (NFA)

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4725 First Street, Suite 270, Pleasanton, CA 94566

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Introduction

How does the Prosoft Native IP Client compare to Novell® Native File Access (NFA)?

Prosoft's NetWare Client for Mac OS X - IP Edition has become the standard for accessing Novell Network Servers. With Genuine RSA Encryption, greater server access and simple installation, requiring no Apple® Specific NLMs, the Prosoft NetWare client is a better solution for both small sized businesses and large enterprise organizations.

Native File Access does not have the security or flexibility that Prosoft's NetWare Client does.

Novell® Native File Access for Macintosh is a server-based solution that allows Macintosh users to securely access NetWare® 5.1 and NetWare® 6 servers without requiring any special client software. Native File Access enables you to use familiar Macintosh networking procedures to connect to a NetWare 5.1 or 6 server via the AppleTalk File Protocol (AFP) 3.0 over TCP/IP. Native File Access uses a two-way random number hash to provide secure authentication between the NetWare servers and the Macintosh client.

Prosoft NetWare Client for Mac OS X - IP Edition is a native IP client-based solution that allows Macintosh users to securely access NetWare® 5 and NetWare® 6 servers without having to install any additional software on those servers. The Prosoft NetWare Client for Mac OS X - IP Edition uses Genuine RSA Encryption, with public key encryption, to secure the authentication between the NetWare servers and the Macintosh client. This encryption facilitates greater security across your network.

Comparisons

Prosoft Native IP Client vs. Novell® Native File Access (NFA)

Genuine RSA Encryption - Using NDS, the Prosoft Native IP Client uses industry standard “Genuine RSA Encryption” to ensure login authentication. RSA is recognized as the de facto industry standard for cryptography.

By default, Novell® Native File Access uses Apple File Protocol for authentication. Native File Access does not send a password to the NetWare server. Instead, the client generates a random number based on the password and then sends that to the server.

The Prosoft Native IP Client authenticates securely with the added benefit of RSA authentication.

Use of strong 128-bit NDS/RSA authentication, including background authentication, is one of the biggest benefits of using the Prosoft Native IP Client.

Don't have to setup and manage the simple password - Apple File Protocol requires you to log into each server individually, even if the passwords are the same by virtue of eDirectory on the back end. The Prosoft Native IP Client needs only one username and password to log in.

Access to NetWare 5.x traditional volumes where Macnamespace is not loaded - Prosoft does not use Macnamespace so it is not required to access NetWare 5.x volumes.

Access to NetWare services where Apple File Protocol for TCP is not loaded or running - Using the Prosoft Native IP Client you can access all NetWare TCP/IP servers, even if Apple File Protocol for TCP (AFPTCP.NLM) is not installed or running.

IP Services - Native File Access uses AppleShare IP Services which allows only Apple Filing protocols and mechanisms. The Prosoft Native IP Client uses industry standard IP protocols to allow greater breadth of services and flexibility.

Conclusion

An industry leader in providing solutions for the Macintosh, Prosoft Engineering is committed to providing tools that help users access a Novell network securely and efficiently.

The NetWare Client for Mac OS X - IP Edition compliments the NetWare Client for Mac Classic - IPX Edition in giving the user incredible power over their network.

For more information on the Prosoft NetWare Client for Mac OS X - IP Edition, visit our website at [**www.prosoftengineering.com**](http://www.prosoftengineering.com)

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Prosoft Engineering, Inc.

4725 First Street, Suite 270

Pleasanton, CA 94566

925.426.6100

Toll free: 877.4PROSOFT (877.477.67638)